

Service Location	Received	Lab ID
HERITAGE ENVIRONMENTAL SERVICES, LLC COMMERCIAL LABORATORY OPERATIONS	08-AUG-13	A991590
7901 W. MORRIS ST. INDIANAPOLIS, IN 46231	Completed 16-AUG-13	PO Number BI-WEEKLY DUKE
(317)243-8304	Printed	Sampled
	16-AUG-13	08-AUG-13 12:35

Report To ROBIN FELLER

JRM ENVIRONMENTAL

P.O. BOX 926

BROWNSBURG, IN 46112-0926

**Bill To** 

**ROBIN L FELLER** 

JRM ENVIRONMENTAL INC

PO BOX 926

BROWNSBURG, IN 46112

### **Sample Description**

CLIENT ID: FIELD BLANK

MATRIX TYPE: NON-SPECIFIC WATER SUBMITTER: 9826 - JRM ENVIRONMENTAL

DATA PACKAGE #: N/A

LOCATION: DUKE EDWARDSPORT PROJECT: LOW LEVEL MERCURY

LOW LEVEL MERCURY PREP EPA 1631, REV. E				NELAC:Y
Analyst: W. WATNESS	Analysis Date: 12-AUG-13 07:00 Instrument: PREP			Test: P131.3.0
Parameter		Result	Det. Limit	Units
INITIAL WEIGHT OR VOLUME		50		mL
FINAL VOLUME		50		mL

MERCURY IN WATER BY OXIDATION, PURGE & TRAP, AND CVAFS EPA 1631, REV. E						
Analyst: W. WATNESS Prep: LOW LEVEL MERCURY PREP EPA 1631, REV. E P137	Analysis Date: 15-AUG-13 09: 1.3.0	23 Instrument	:: CVAA		Test: M420.3.0	
Parameter	Result	[	Det. Limit		Units	
MERCURY	BDL			0.50	ng/L	
METHOD BLANK	< 0.5				ng/L	

# Sample Comments

< Less Than

**BDL** Below Detection Limit

Sample was not received on ice at temperature 25.8 C.

Sample chain of custody number 087348.

This Certificate shall not be reproduced, except in full, without the written approval of the lab. The sample results relate only to the analytes of interest tested or to the sample as received by the lab. Heritage Environmental Services, LLC certifies that the test results indicated as NELAP (National Environmental Laboratory Accreditation Program) accredited (Yes for NELAP) meet all requirements of NELAP and Kansas (KDHE) unless otherwise explained or justified as to the the exact nature of the deviations.

KS ELAP / NELAP Accreditation # E-10177 Indiana SDWA C-49-01

Karen L. Fullmer

Approved by: KAREN FULLMER 16-AUG-13



Service Location	Received	Lab ID
HERITAGE ENVIRONMENTAL SERVICES, LLC	08-AUG-13	A991591
COMMERCIAL LABORATORY OPERATIONS 7901 W. MORRIS ST. INDIANAPOLIS, IN 46231	Completed 16-AUG-13	PO Number BI-WEEKLY DUKE
(317)243-8304	Printed	Sampled
	16-AUG-13	08-AUG-13 12:50

Report To ROBIN FELLER JRM ENVIRONMENTAL P.O. BOX 926

BROWNSBURG, IN 46112-0926

Bill To

**ROBIN L FELLER** 

JRM ENVIRONMENTAL INC

PO BOX 926

BROWNSBURG, IN 46112

**Sample Description** 

CLIENT ID: OUTFALL 002

MATRIX TYPE: NON-SPECIFIC WATER SUBMITTER: 9826 - JRM ENVIRONMENTAL

DATA PACKAGE #: N/A

LOCATION: DUKE EDWARDSPORT PROJECT: LOW LEVEL MERCURY

LOW LEVEL MERCURY PREP EPA 1631, REV. E				NELAC:Y
Analyst: W. WATNESS	Analysis Date: 12-AUG-13 07:00 Instrument: PREP			Test: P131.3.0
Parameter		Result	Det. Limit	Units
INITIAL WEIGHT OR VOLUME		50		mL
FINAL VOLUME		50		mL

MERCURY IN WATER BY OXIDATION, PURGE & TRAP, AND CVAFS EPA 1631, REV. E						
Analyst: W. WATNESS Prep: LOW LEVEL MERCURY PREP EPA 16	Analysis Date: 15-AUG-13 09 631, REV. E P131.3.0	:23 Instrument: C	CVAA	Test: M420.3.0		
Parameter	Result	Det	t. Limit	Units		
MERCURY	2.42		0.5	ng/L		
METHOD BLANK	< 0.5			ng/L		

# Sample Comments

### < Less Than

Sample was not received on ice at temperature 25.8 C. Sample chain of custody number 087348.

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KS ELAP / NELAP Accreditation # E-10177 Indiana SDWA C-49-01

Karen S. Fillmer

Approved by: KAREN FULLMER 16-AUG-13



Service Location	Received	Lab ID
HERITAGE ENVIRONMENTAL SERVICES, LLC COMMERCIAL LABORATORY OPERATIONS	08-AUG-13	A991592
7901 W. MORRIS ST. INDIANAPOLIS, IN 46231	Completed 16-AUG-13	PO Number BI-WEEKLY DUKE
(317)243-8304	Printed 16-AUG-13	<b>Sampled</b> 08-AUG-13 13:00

Report To

ROBIN FELLER

JRM ENVIRONMENTAL

P.O. BOX 926

BROWNSBURG, IN 46112-0926

BIII TO ROBIN L FELLER JRM ENVIRONMENTAL INC PO BOX 926 BROWNSBURG, IN 46112

**Sample Description** 

CLIENT ID: COLLECTOR WELL #2
MATRIX TYPE: NON-SPECIFIC WATER
SUBMITTER: 9826 - JRM ENVIRONMENTAL

DATA PACKAGE #: N/A

LOCATION: DUKE EDWARDSPORT PROJECT: LOW LEVEL MERCURY

LOW LEVEL MERCURY PREP EPA 1631, REV. E				NELAC:Y
Analyst: W. WATNESS	Analysis Date: 12-AUG-13 07:00 Instrument: PREP			Test: P131.3.0
Parameter	Res	sult	Det. Limit	Units
INITIAL WEIGHT OR VOLUME	50			mL
FINAL VOLUME	50			mL

MERCURY IN WATER BY OXIDATION, PURGE & TRAP, AND CVAFS EPA 1631, REV. E						
Analyst: W. WATNESS Prep: LOW LEVEL MERCURY PREP EPA 1631, REV. E P131.	,	te: 15-AUG-13 09:23	Instrume	nt: CVAA		Test: M420.3.0
Parameter		Result		Det. Limit		Units
MERCURY	E	BDL			0.5	ng/L
METHOD BLANK	<	< 0.5				ng/L

# Sample Comments

< Less Than

**BDL** Below Detection Limit

Sample was not received on ice at temperature 25.8 C.

Sample chain of custody number 087348.

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KS ELAP / NELAP Accreditation # E-10177 Indiana SDWA C-49-01

Karen L. Fullmer

Approved by: KAREN FULLMER 16-AUG-13



Service Location		Received	Lab ID
HERITAGE ENVIRONMENTAL SERVICES, L COMMERCIAL LABORATORY OPERATIONS		08-AUG-13	A991593
7901 W. MORRIS ST. INDIANAPOLIS, IN 46231	<b>)</b>	Completed 16-AUG-13	PO Number BI-WEEKLY DUKE
(317)243-8304		Printed	Sampled
		16-AUG-13	08-AUG-13 12:40

Report To

ROBIN FELLER

JRM ENVIRONMENTAL

P.O. BOX 926 BROWNSBURG, IN 46112-0926 BIII To ROBIN L FELLER JRM ENVIRONMENTAL INC PO BOX 926 BROWNSBURG, IN 46112

**Sample Description** 

CLIENT ID: 501

MATRIX TYPE: NON-SPECIFIC WATER SUBMITTER: 9826 - JRM ENVIRONMENTAL

DATA PACKAGE #: N/A

LOCATION: DUKE EDWARDSPORT PROJECT: LOW LEVEL MERCURY

LOW LEVEL MERCUR	RY PREP EPA 1631, REV. E					NELAC:Y
Analyst: W. WATNESS		Analysis Date: 12-AUG-13 07:00 Instrument: PREP			nt: PREP	Test: P131.3.0
Parameter			Result		Det. Limit	Units
INITIAL WEIGHT OR V	OLUME		50			mL
FINAL VOLUME			50			mL

MERCURY IN WATER BY OXIDATION, PURGE & TRA	MERCURY IN WATER BY OXIDATION, PURGE & TRAP, AND CVAFS EPA 1631, REV. E					
Analyst: W. WATNESS Analysis Date: 15-AUG-13 09:23 Instrument: CVAA						
Prep: LOW LEVEL MERCURY PREP EPA 1631, REV. E P131.3.0						
Parameter	Result	Det. Limit	Units			
MERCURY	9.58	0.5	ng/L			
METHOD BLANK	< 0.5		ng/l			

# Sample Comments

### < Less Than

Sample was not received on ice at temperature 25.8 C. Sample chain of custody number 087348.

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KS ELAP / NELAP Accreditation # E-10177 Indiana SDWA C-49-01

Karen S. Fillmer

Approved by: KAREN FULLMER 16-AUG-13





# HERITAGE ENVIRONMENTAL SERVICES, LLC. COMMERCIAL LABORATORY OPERATIONS 7901 West Morris Street Indianapolis IN 46231 www.heritage-enviro.com (800)827-4374 Fax: (317) 486-5095

I-087348

Customer name/number: Submitter #	Analyses Requested	Send Report To:
	(Note special detection limits or methods )	CO: JRMEN
Z159517 (Given to you by your contact)		Add:
<u> </u>		0101
PRINT HERITAGE TSR NAME:		Attn: Kabi > Teller Phone: ( ) Yes
CUSTOMER STATUS: New / Existing		( )
		E-mail:
Oil,		Sample Turn Around Time
time of sample submittal to the laboratory.		Standard: Rush Date / /
) / d l		
in reller of Lawa Yours		(Accelerated TAT subject to Additional Charge) ( Date must be Accepted and Approved by Lab )
Date Time E a Sample ID and/or Location Sampled Sampled Sampled Sample Where your sample was taken Sample		Lab use only Remarks: Sample No.
88/13/12:35 3 Frell Blank - 1X		1991590
1 /2 / S		591
PM X Calledor Wall #1 WI X		loft line
1:000 ×101001001 #人 3日1人		345
PM X River		Not Constructed !!
130		V2+ V 543
PM AM		
AM DM		
Pale/Time Received by: (Signature)	Custody seals present/intact? Yes No	Comments:
telinquished by: (Signature ) D#e/Ti/ne Received by: (Signature)	Broken containers?	
1	COC agree with sample labels?	
Received by: (Signature)  Date/Time  Received by: (Signature)	Correct containers for testing?	
	Headspace issues acceptable?	
Day (Signature) Day (Signature)	Holding time(s) acceptable?	
Time 1522 Roi: Yes 1800	Preservative pH's acceptable?	
	Was pH left unadjusted?	

Line 25 on COC	Line 24 on COC	Line 23 on COC	Line 22 on COC	Line 21 on COC	Line 20 on COC	Line 19 on COC	S TILLE TO OIL COC	line 18 on COC	Line 17 on COC	line 16 on COC	Line 15 on COC	Line 14 on COC	Line 13 on COC	Line 12 on COC	Line 11 on COC	Line 10 on COC	Line 9 on COC	Line 8 on COC	Line 7 on COC	Line 6 on COC	Line 5 on COC	Line 4 on COC	Line 3 on COC	Line 2 on COC	Line 1 on COC	
	1567			W		Ž.																		1025 1025 1025 1025 1025 1025 1025 1025		Sulfuric plastic <2
·战·尼		Table.		1796		-536	i.v.		1912.	286	Mar.		JESCE, 1		- V.C.Id.		.200 S.		entañ.		ilurid s.				inii-p	Sulfuric Diss Plastic<2
		ik			TYS.							alex														Sulfuric glass <2
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				<b>20</b> .										-164E								Lateral Lateral Control				NaOH plastic >12
				381		1.00			ersie:		786150		: EUS		2.20		1445		1,908		100		· (*)		# A	preservative added?
		Ž.									1180000 11800000 1180000000000000000000				- (549) 130 - 17				- (6) (6) - (6) (6)						8	pH after addition
en.		TERROR.		BAS							4868		1880		20200				15.53		: 12H EU		15 EG		egirani.	Residual C12 present Y/N
25.00					Jakes S																					Headspace >1/4"
				· · · · · · · · · · · · · · · · · · ·			V 12 400													×		X		Y	*	Sample is UNP or other than aqueous Y/N
								1.0s			2000 Mary 1															HCL Presered Containers
				the state of the s		A Maria Caracter of transfer of complaint with a fact with the				and the second s																Comments
				Comments:	*pH of HCL preserved		Checked by Lot / C	Charlad have	Tracking #	Prop Of FedEx			500ml HNO3	1000ml H2SO4	500ml H2SO4	120ml NaOH	Preservative sizes for addition:				מממונוסוו כו נוווז סורטכו	volume initially added to the	or base to the sample t	record the pH in the bo	Aqueous samples: For	
					*pH of HCL preserved containers checked by analysts					UPS Courier		4 mL	2 mL	4 mL	2 mL	1 mL	es for addition:				voties.	volume initially added to the sample container. Record pH after the	or base to the sample to achieve the correct pH. Add up to two times the	record the pH in the box. If approved by the project chemist then add acid	Aqueous samples: For each sample and container type, check the box if	